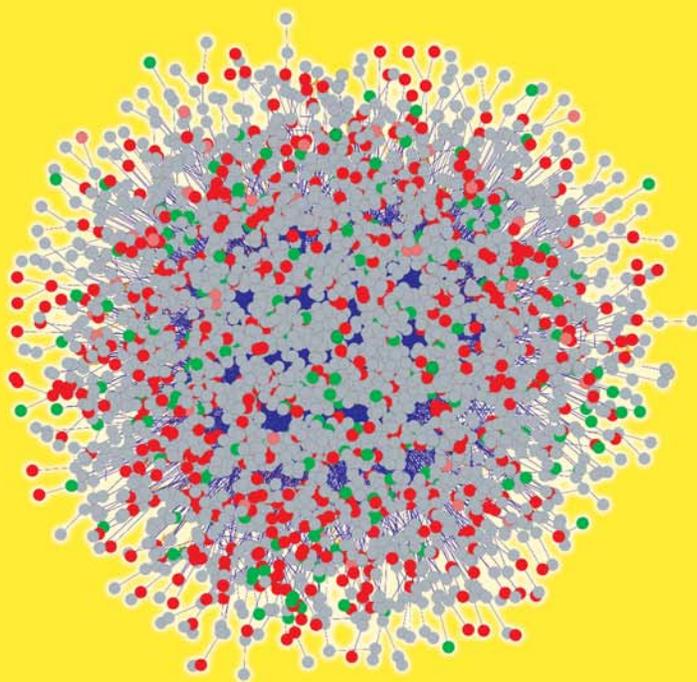


Metabolic Profiling: Application to Toxicology and Risk Reduction

An International Conference

May 14-15, 2003
NIEHS Rall Building
Rodbell Conference Center 101A-C
Research Triangle Park, North Carolina



Keynote Speakers:

John Connelly
Metabometrix Ltd

Trey Ideker
Whitehead Institute MIT

Jeremy Nicholson
Imperial College, London

James MacGregor
Food & Drug Administration

<http://www.niehs.nih.gov/dert/metabol.htm>



Waters

Metabolic Profiling: Application to Toxicology and Risk Reduction An International Conference

WEDNESDAY, MAY 14, 2003

- 7:30 AM *Continental Breakfast, Rodbell Conference Center*
- 8:20 *Welcome and Introductions*
William Suk, Director, Center for Risk and Integrated Sciences (CRIS), DERT
Brenda Weis, CRIS, DERT
- 8:40 *Overview and Integration*
John Connelly
Director of Biomedical Sciences, Metabometrix Ltd.
- 9:40 *Break*

Scientific Sessions

- 10:00-12:20 PM **APPLICATION TO TOXICOLOGY**
Chair: Ray Tennant
Director, National Center for Toxicogenomics, NIEHS
- Don Robertson**, Pfizer Global Research and Development
Robert Plumb, Waters Corporation, *"Monitoring The Toxicity of a Candidate Pharmaceutical and Identifying Biomarkers: A Metabonomics Approach"*
Susan Sumner, Staff Scientist, Paradigm Genetics, Inc.
Hector C. Keun, Biological Chemistry, Biological Sciences Division, Imperial College, University of London, UK
- 12:20-1:20 *Lunch*
- 1:20 -3:40 **APPLICATION TO RISK REDUCTION**
Chair: Kenneth Ramos
Professor and Chair, Department of Biochemistry and Molecular Biology, University of Louisville Health Sciences Center
- Steve Watkins**, President, Lipomics Technologies, Inc.
Paul N-W Lee, Director, Biomedical Mass Spectroscopy Facility & Professor, Dept of Pediatrics, Harbor-UCLA Medical Center
Rima Kaddurah-Daouk, Visiting Scientist, Cancer Pharmacology, Dana-Farber Cancer Institute and Metabolon, Inc.
Shawn Ritchie, Post Doctoral Research Associate - Oncology, Phenomenome Discoveries, Inc.
- 3:40 PM *Adjourn and Transport to Radisson Governor's Inn*
- 5:00-6:30 *Poster Session and Social Hour, Radisson Governor's Inn*
- 6:30 **Dinner (by invitation) and Keynote Speaker**
Jeremy Nicholson
Professor and Head of Biological Chemistry, Imperial College, University of London, UK

THURSDAY, MAY 15, 2003

Scientific Sessions

- 7:30 AM *Continental Breakfast, Rodbell Conference Center*
- 8:15 - 9:15 **Keynote Speaker**
Trey Ideker
Pfizer Computational Biology Fellow, Whitehead Institute/MIT
- 9:15 *Break*
- 9:30 – 11:50 **COMPUTATIONAL AND SYSTEMS BIOLOGY**
Chair: David Rocke
Department of Applied Science, College of Engineering,
University of California, Davis
- Elaine Holmes**, Lecturer in Biological Chemistry, Biomedical Sciences Division,
Imperial College, University of London, UK
Pedro Mendes, Research Assistant Professor, Virginia Bioinformatics Institute
Cristopher Ambrozic, Director, Sales & Marketing, North America, Umetrics, Inc.
Elwin Verheij, Analytical Systems Biology, TNO Pharma, Netherlands
- 11:50 - 12:50 PM *Lunch*
- 12:50 - 1:50 **Keynote Speaker**
James MacGregor
Deputy Director, Washington Operations
National Center for Toxicological Research, FDA
- 1:50 - 3:00 **Panel Discussion: *Metabolic Profiling: Next Steps***
Moderator: William Suk, Director, CRIS, NIEHS
- Panel Participants:**
Daniel Baden, Director, Center for Marine Science, University of North Carolina,
Wilmington
Bruce Hammock, Professor of Entomology & Cancer Research Center, University
of California, Davis
Christopher Newgard, Director, Sarah Stedman Center for Nutritional Studies and
Professor, Dept of Pharmacology and Cancer Biology, Duke University Medical
Center
Kenneth Ramos, Professor and Chair, Department of Biochemistry and Molecular
Biology, University of Louisville Health Sciences Center
David Schwartz, Chief, Division of Pulmonary and Critical Care, Duke University
Medical Center
Timothy Zacharewski, Associate Professor, Department of Biochemistry &
Molecular Biology, Michigan State University
- 3:00 *Adjourn*